

## Product datasheet for **TA347761**

### GRP78 (HSPA5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GRP78 Antibody: A synthesized peptide derived from human GRP78
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	75 kDa
Gene Name:	heat shock protein family A (Hsp70) member 5
Database Link:	<a href="#">NP_005338</a> <a href="#">Entrez Gene 14828 MouseEntrez Gene 25617 RatEntrez Gene 3309 Human P11021</a>
Background:	GRP78 a member of the HSP family of molecular chaperones required for endoplasmic reticulum integrity and stress-induced autophagy. Plays a central role in regulating the unfolded protein response (UPR), and is an obligatory component of autophagy in mammalian cells.. May play an important role in cellular adaptation and oncogenic survival. One of the client proteins of GRP78 is protein double-stranded RNA-activated protein-like endoplasmic reticulum kinase (PERK).
Synonyms:	BIP; GRP78; HEL-S-89n; MIF2



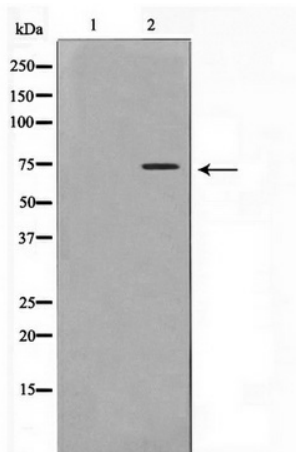
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**Note:** GRP78 Antibody detects endogenous levels of GRP78

**Protein Families:** Druggable Genome

**Protein Pathways:** Antigen processing and presentation, Prion diseases

**Product images:**



Western blot analysis on COS7 cell lysate using GRP78 Antibody